

### Abstract of the Disclosure

To address the need for an apparatus and method of economically  
5 synchronizing base sites (110-113) in wireless communication systems,  
the present invention provides a GPS-based solution for synchronizing  
slave sites (111-113) to a regional master site (110). In general, the  
master site reports to the slave sites information indicating the timing  
variance of GPS satellites (101-105). The slave sites then use this  
10 information in combination with information they collect from the same  
satellites to periodically resynchronize their clocks to the master clock.